

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A chemical volatilization device comprising:

    a chemical retainer made of fibers;

    a mesh constituent unit;

    a protective case that houses the chemical retainer; and

    a rotary drive device;

the chemical retainer comprising:

    a plurality of chemical-retaining fibers in the form of a regular mesh in two-dimensional directions on both an upper and a lower side of the chemical retainer, the regular mesh comprising individual mesh units; and

    a plurality of supportive chemical-retaining straight fibers arranged between the chemical-retaining fibers, which are located on the upper and lower sides of the chemical retainer, and connect the chemical-retaining fibers on both the upper and lower sides in-regularly according to the mesh constituent unit as a result of having bending elasticity;

the protective case comprising:

    an upper portion and a lower portion;

    a plurality of retaining frames surrounding the outer circumference of the chemical retainer; and

    a bearing located in the center of the protective case that is able to engage with a rotating shaft of the rotary drive device;

    wherein the rotary drive device separately rotates rotates an upper portion and a lower portion of the protective case, and each individual mesh unit comprising the chemical retainer as a single unit.

2. (Canceled)

3. (Currently Amended) The chemical volatilization device according to claim 1, wherein the supportive chemical-retaining straight fibers form a columnar structure as a result of being arranged roughly in parallel in the vertical direction.

4. (Currently Amended) The chemical volatilization device according to claim 1, wherein the supportive chemical-retaining straight fibers form a diagonal structure as a result of being arranged to intersect on an angle in the vertical direction.

5. (Previously Presented) The chemical volatilization device according to claim 4, wherein the diagonal structure is formed so as to connect sides or apices together located on the same side, based on all four directions in the mesh units corresponding to the upper and lower sides.

6. (Previously Presented) The chemical volatilization device according to claim 4, wherein the diagonal structure is formed so as to connect sides or apices together located on opposite sides, based on all four directions in the mesh units corresponding to the upper and lower sides.

7. (Currently Amended) The chemical volatilization device according to claim 1, wherein the supportive chemical-retaining straight fibers form a columnar structure by being arranged roughly in parallel in the vertical direction, and form a diagonal structure by being arranged to intersect on an angle in the vertical direction.

8. (Previously Presented) The chemical volatilization device according to claim 7, wherein the diagonal structure is formed so as to connect sides or apices together located on the same side, based on all four directions in the mesh units corresponding to the upper and lower sides.

9. (Previously Presented) The chemical volatilization device according to claim 7, wherein the diagonal structure is formed so as to connect sides or apices together

located on opposite sides, based on all four directions in the mesh units corresponding to the upper and lower sides.

10. (Currently Amended) The chemical volatilization device according to claim 1, wherein small gap chemical-retaining fibers in the form of a regular mesh in two-dimensional directions comprising individual mesh units, which have a smaller gap than the chemical-retaining fibers, and which are connected to the chemical-retaining fibers on both sides, are arranged between the chemical-retaining fibers on the upper and lower sides.

11. (Currently Amended) The chemical volatilization device according to claim 1, wherein a plurality of chemical retainers consisting of the chemical-retaining fibers arranged on the upper and lower sides and the supportive chemical-retaining straight fibers arranged therebetween are overlapped.

12. (Previously Presented) The chemical volatilization device according to claim 1, wherein the distance between the chemical-retaining fibers on both the upper and lower sides is 1.0 to 10.0 mm.

13. (Previously Presented) The chemical volatilization device according to claim 1, wherein the protective case surrounds the upper and lower sides of the chemical retainer with an upper portion and lower portion, respectively.

14-16. (Canceled)